US2020/0259760

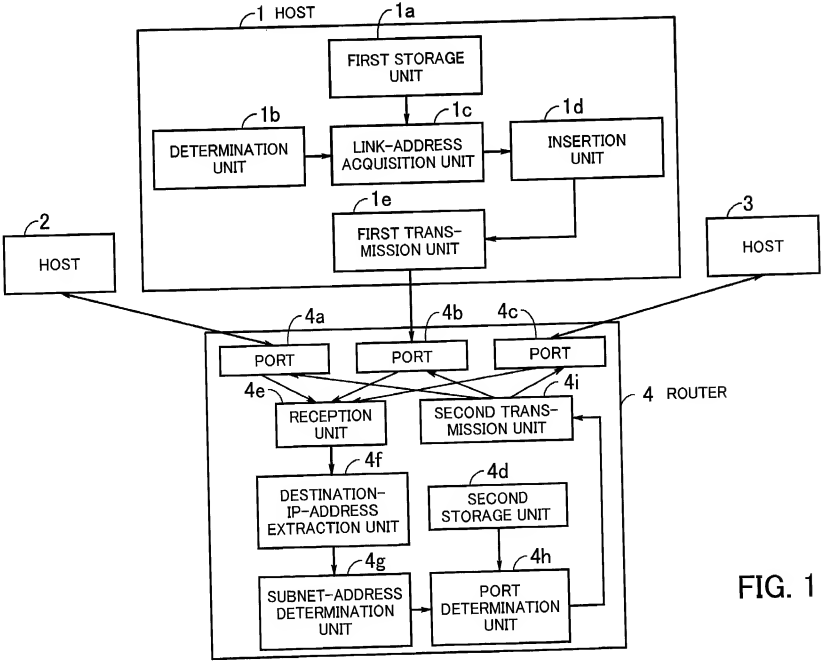

FIG. 1

JP03240162A1 1991.10.25

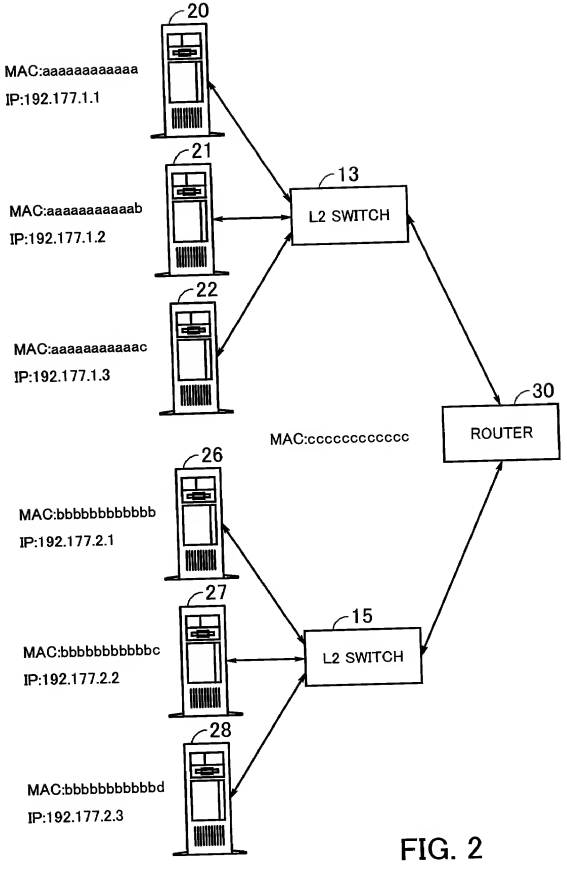

FIG. 2

09911521-072504

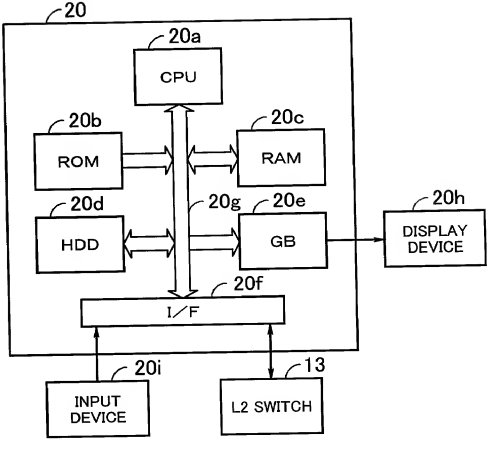

FIG. 3

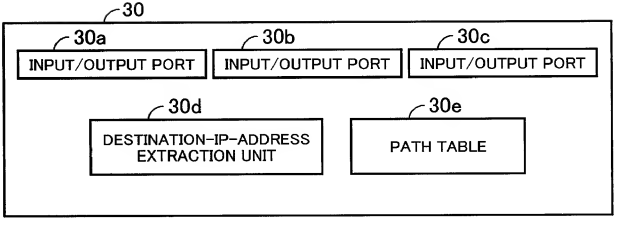
30
30a
INPUT/OUTPUT PORT
30b
INPUT/OUTPUT PORT
30c
INPUT/OUTPUT PORT
30d
DESTINATION-IP-ADDRESS EXTRACTION UNIT
30e
PATH TABLE

FIG. 4

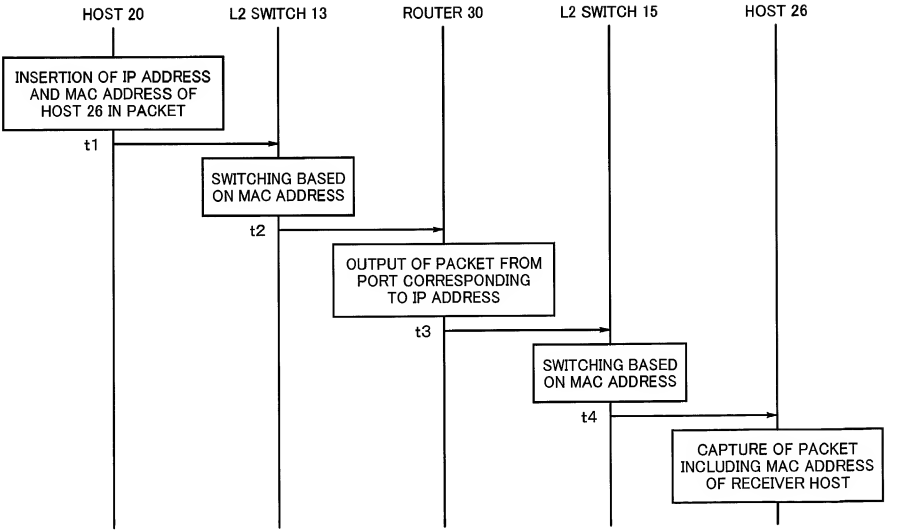
HOST 20
L2 SWITCH 13
ROUTER 30
L2 SWITCH 15
HOST 26
INSERTION OF IP ADDRESS AND MAC ADDRESS OF HOST 26 IN PACKET
t1
SWITCHING BASED ON MAC ADDRESS
t2
OUTPUT OF PACKET FROM PORT CORRESPONDING TO IP ADDRESS
t3
SWITCHING BASED ON MAC ADDRESS
t4
CAPTURE OF PACKET INCLUDING MAC ADDRESS OF RECEIVER HOST

FIG. 5

MAC ADDRESS	IP ADDRESS
aaaaaaaaaaab	192. 177. 1. 2
aaaaaaaaaaac	192. 177. 1. 3
bbbbbbbbbbbb	192. 177. 2. 1
bbbbbbbbbbbc	192. 177. 2. 2
bbbbbbbbbbbd	192. 177. 2. 3

FIG. 6

0094152v1 07250401

IP ADDRESS	PORT NUMBER
192. 177. 1. x	1
192. 177. 2. x	2

FIG. 7

0091552A1 20250424

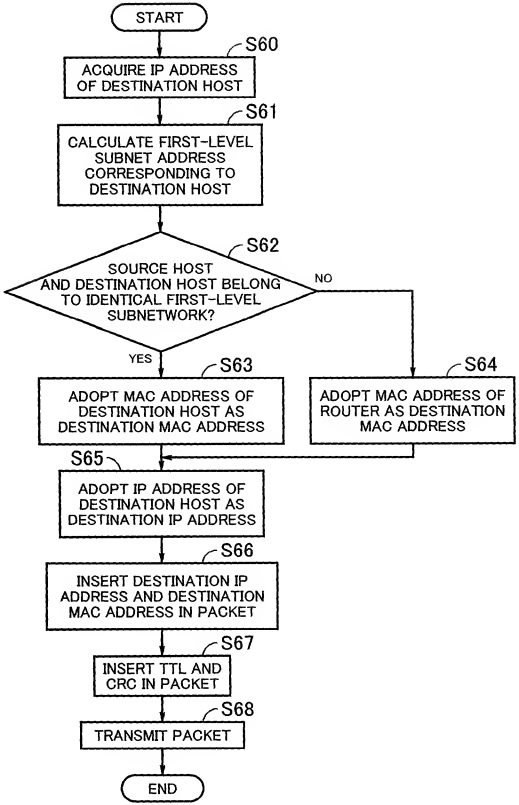

FIG. 8

EP 1 524 807 A1

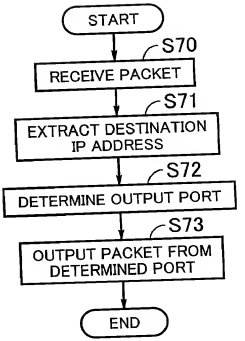

FIG. 9

US 2007/0274284 A1

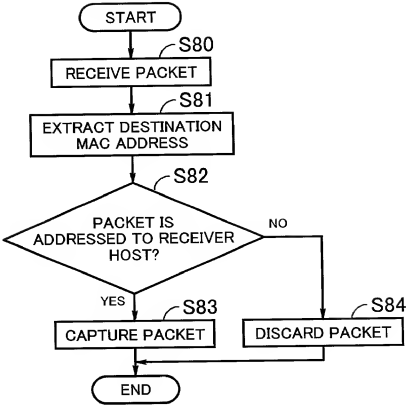

FIG. 10

US2004/0252701

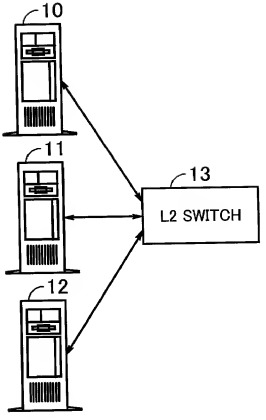

FIG. 11
PRIOR ART

MAC ADDRESS	IP ADDRESS
aaaaaaaaaaab	192. 177. 1. 2
bbbbbbbbbbbb	192. 177. 2. 1

FIG. 12
PRIOR ART

MAC ADDRESS	PORT NUMBER
aaaaaaaaaaaa	1
aaaaaaaaaaab	2
bbbbbbbbbbbb	3

FIG. 13
PRIOR ART

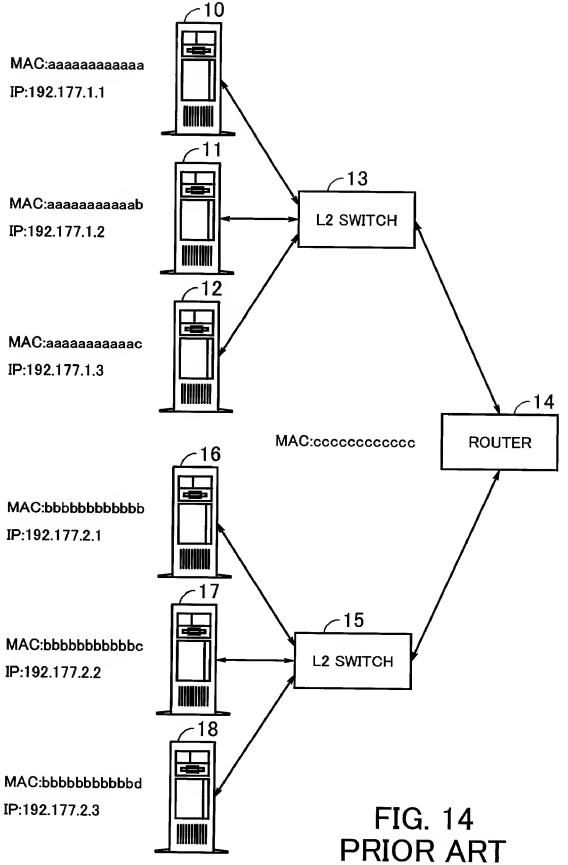

FIG. 14
PRIOR ART

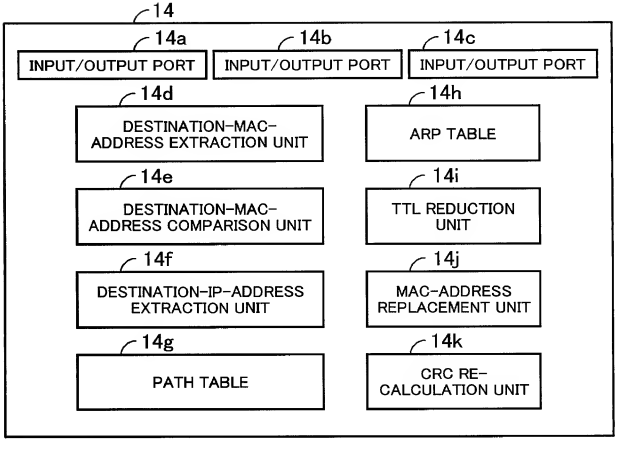

FIG. 15
PRIOR ART

IP ADDRESS	PORT NUMBER
192. 177. 1. x	1
192. 177. 2. x	2

FIG. 16
PRIOR ART

MAC ADDRESS	IP ADDRESS
aaaaaaaaaaaa	192. 177. 1. 1
aaaaaaaaaaab	192. 177. 1. 2
aaaaaaaaaaac	192. 177. 1. 3
bbbbbbbbbbbb	192. 177. 2. 1
bbbbbbbbbbbc	192. 177. 2. 2
bbbbbbbbbbbd	192. 177. 2. 3

FIG. 17
PRIOR ART

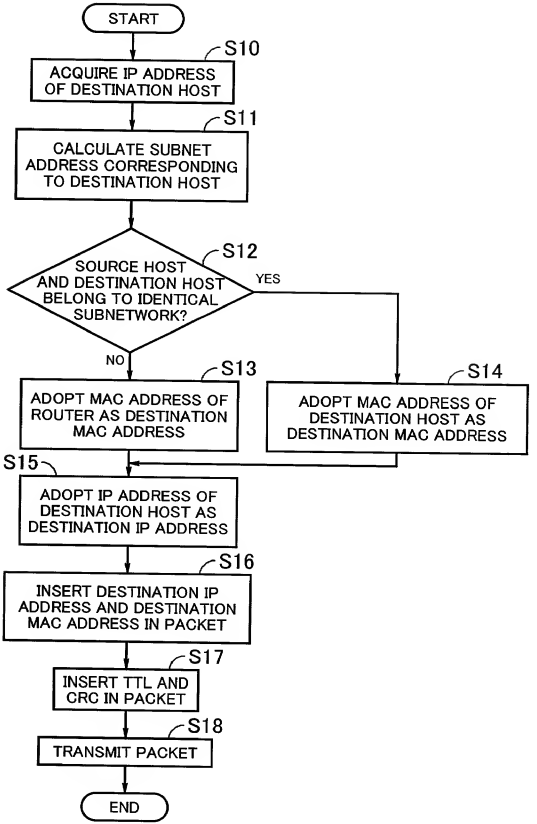

FIG. 18
PRIOR ART

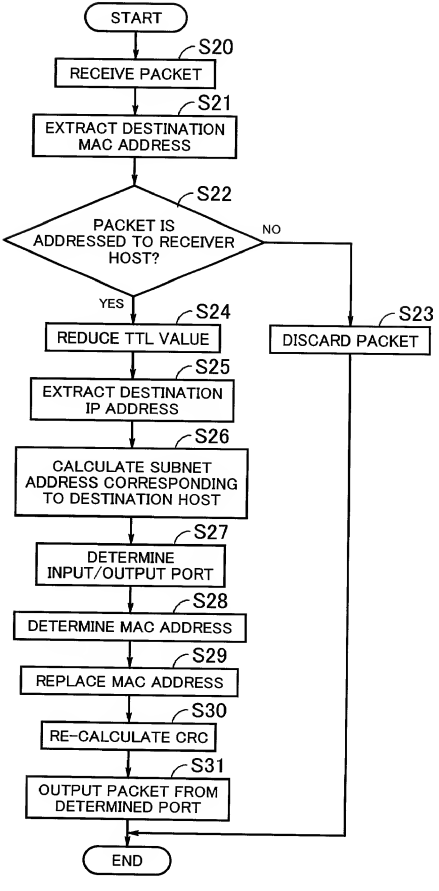

FIG. 19
PRIOR ART

10520-1e3tt60

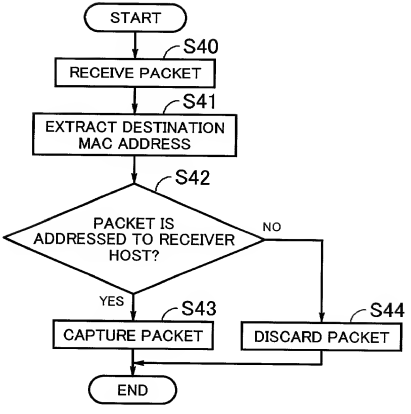

FIG. 20
PRIOR ART